



PATENT APPLICATION
Attorney's Do. No. 1138-710

Handwritten notes:
C1
fig. 13
SEP 15 2000
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re divisional patent application of:

DAH WEN TSANG; JOHN W. MOSIER II, deceased;
DOUGLAS A. PIKE, JR. and
THEODORE O. MEYER

Examiner S. Core

Serial No. 09/144,579

Group Art Unit 2811

Filed: August 31, 1998

For: SELF ALIGNED VERTICAL POWER MOSFET WITH
ENHANCED BASE REGION

Assistant Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS COR-
RESPONDENCE IS BEING DEPOSITED
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☒ ASSISTANT COMMISSIONER FOR
PATENTS, WASHINGTON D.C. 20231
☐ ASSISTANT COMMISSIONER FOR
TRADEMARKS, 2900 CRYSTAL DRIVE,
ARLINGTON VA 22202-3513
ON: 1 Sept 2000
Ben Johnson

AMENDMENT

Responsive to the Office Action dated May 3, 2000, for which a one-month extension
is requested on the attached transmittal letter, please amend the application as follows:

In the claims:

Please amend claims 31, 34, 36 and 39 as follows:

C1
31. (First amendment) A recessed gate field effect power MOS device according to
2 claim 34 including at least two of [said first trenches] spaced laterally apart with two of [said
3 vertically oriented layers] of semiconductor substrate defining [a] said second trench between the
4 first trenches, ^{each of} the first trenches containing the gate oxide layer and gate conductor, said source
conductor extending into the second trench and contacting the vertically oriented layer on
opposite sides [thereof] on the second trench.

C2
fig. 13
34. (First amendment) A recessed gate field effect power MOS device having a
vertically oriented channel comprising:

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2811 #
PATENT APPLICATION
Attorney's Do. No. 1138-71

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re divisional patent application of:

DAH WEN TSANG; JOHN W. MOSIER II, deceased;
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☒ ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON D.C. 20231

☐ ASSISTANT COMMISSIONER FOR TRADEMARKS, 2900 CRYSTAL DRIVE, ARLINGTON, VA 22202-3513

ON: 1 Sept 2000

Responsive to the Office Action dated May 3, 2000, enclosed is an amendment in the above-identified application.

The fee has been calculated as shown below.

CLAIMS AS AMENDED					
For:	Number After Amendment	Previous Number	Extra	Rate	Additional Fee
Total Claims	14	-20*	0	x \$9 =	\$0
Independent Claims	2	-3**	0	x \$39 =	\$0
Extension of Time - 1 st					\$55
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$55

*greater of twenty (20) or number for which fee has been paid

**greater of three (3) or number for which fee has been paid

- ☒ Applicant petitions the Commissioner to extend the time for response. The extension fee is included and a duplicate copy of this form is enclosed.
- ☒ A check for \$55 is enclosed.
- ☒ Any deficiency or overpayment should be charged or credited to deposit account number 13-1703. A duplicate copy of this sheet is enclosed.

Customer No. 20575

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

By

Alexander C. Johnson, Jr.
Registration No. 29,396

MARGER JOHNSON & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205
Telephone: (503) 222-3613

cc: Patrick Sireta
Dah Wen Tsang

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